

Municipal Fiber: The Value to a Healthcare System

Intelligent Community Forum

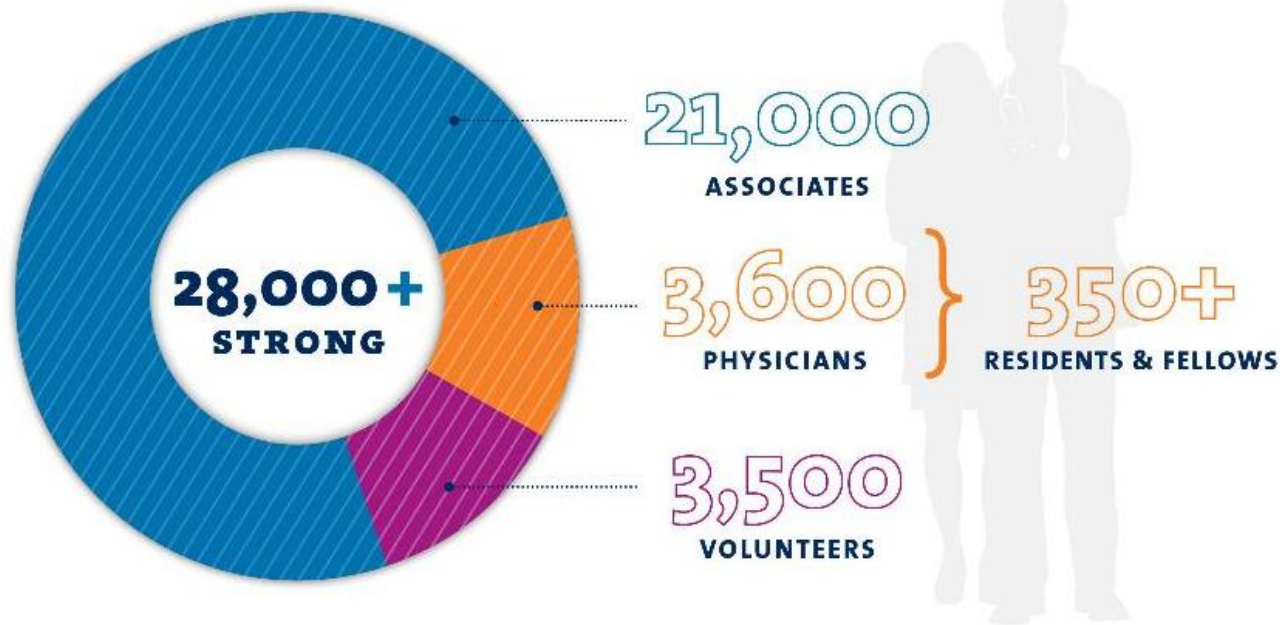
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System Vice President, Technology
OhioHealth

OhioHealth Overview

WE are a faith-based, not-for-profit healthcare system.



21,000
ASSOCIATES

3,600
PHYSICIANS

350+
RESIDENTS & FELLOWS

3,500
VOLUNTEERS

2.7m
OUTPATIENT
VISITS

496,805
ED VISITS

158,317
ADMISSIONS &
OBSERVATIONS

103,012
SURGERIES

600+
CLINICAL
TRIALS

Represents Fiscal Year 2015 Data

OhioHealth Overview

care site locations

hospital

- 1 OHIOHEALTH RIVERSIDE METHODIST
- 2 OHIOHEALTH GRANT MEDICAL CENTER
- 3 OHIOHEALTH DOCTORS HOSPITAL
- 4 OHIOHEALTH GRADY MEMORIAL
- 5 OHIOHEALTH DUBLIN METHODIST
- 6 OHIOHEALTH HARDIN MEMORIAL
- 7 OHIOHEALTH MARION GENERAL
- 8 OHIOHEALTH REHABILITATION HOSPITAL
- 9 OHIOHEALTH O'BLENESS HOSPITAL
- 10 OHIOHEALTH MEDCENTRAL MANSFIELD HOSPITAL
- 11 OHIOHEALTH MEDCENTRAL SHELBY HOSPITAL

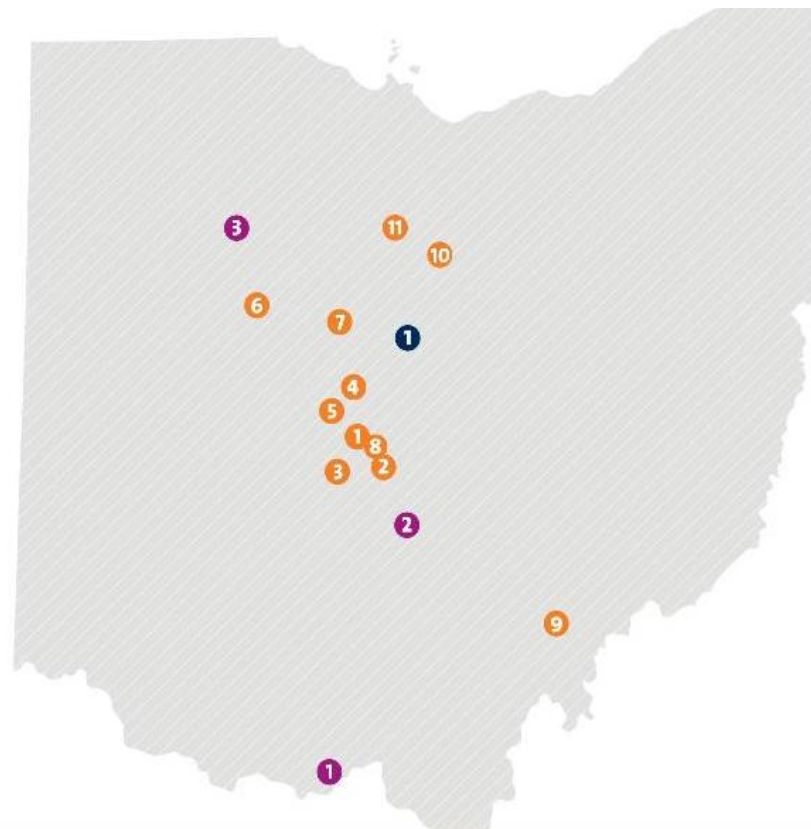
managed

- 1 MORROW COUNTY HOSPITAL

affiliate

- 1 SOUTHERN OHIO MEDICAL CENTER
- 2 BERGER HEALTH SYSTEM
- 3 BLANCHARD VALLEY MEDICAL CENTER

50+
OUTPATIENT
LOCATIONS



Represents Fiscal Year 2016 Data

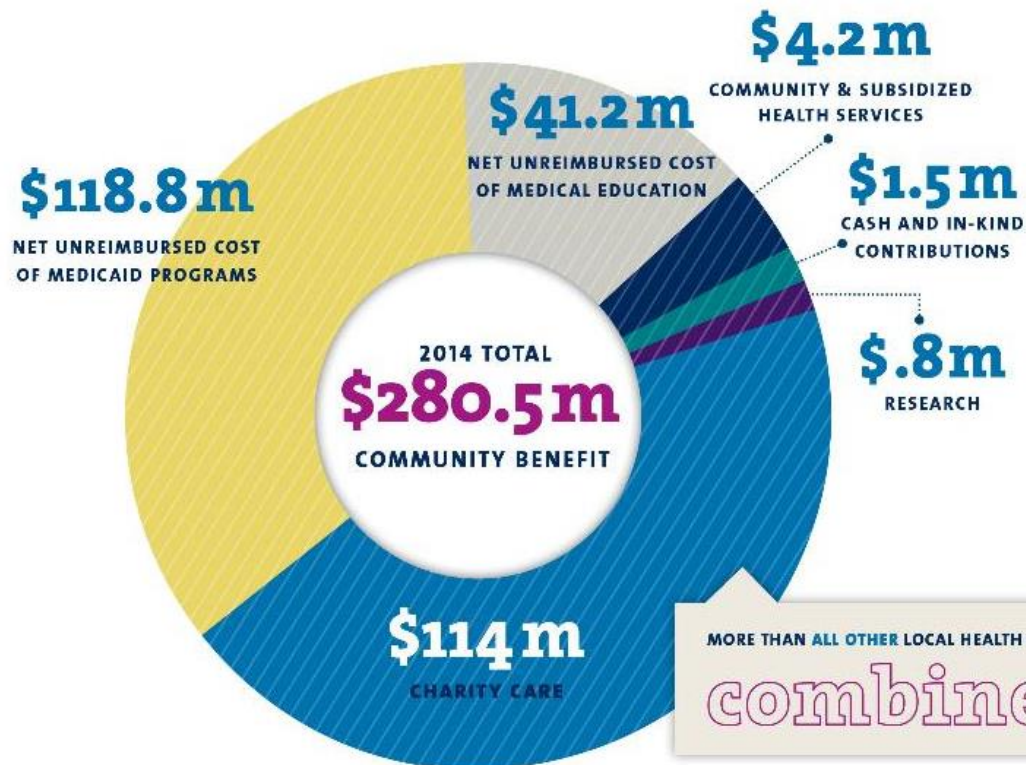
OhioHealth Overview

COMMUNITY benefit

**Our Community Benefit is
OhioHealth's mission in action**

— part of our work to help those less
fortunate and to improve the health and
wellness of the communities we serve.

*These community benefit data do not reflect the
addition of OhioHealth O'Bleness Hospital, OhioHealth
Mansfield Hospital and OhioHealth Shelby Hospital.*



Represents 2014 Data

OhioHealth Recognition



Represents Fiscal Year 2015 Data

Background

- DubLINK fiber network
- OhioHealth obtained fiber rights through the City of Dublin
- Initial agreement - 2005

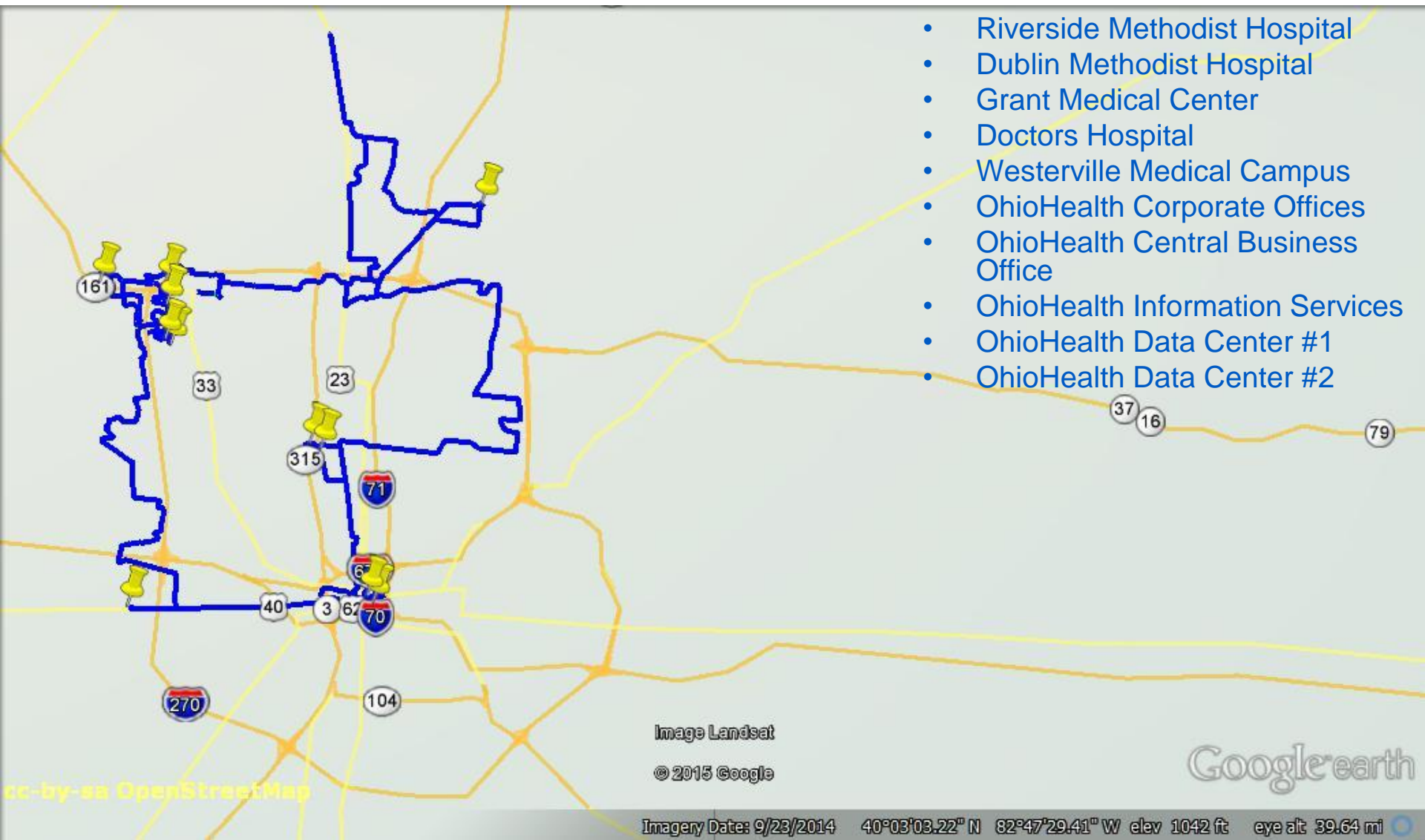


OhioHealth Fiber Network

- Implemented in 2006
 - Network electronics
 - Lateral fiber to connect to the ring
- Fiber optic network running throughout Dublin and parts of Columbus
- High speed - 10Gb
 - Upgradeable as needed
- Redundant (no single point of failure)
- Connects our major facilities in the metropolitan area

OhioHealth Fiber Network

- Riverside Methodist Hospital
- Dublin Methodist Hospital
- Grant Medical Center
- Doctors Hospital
- Westerville Medical Campus
- OhioHealth Corporate Offices
- OhioHealth Central Business Office
- OhioHealth Information Services
- OhioHealth Data Center #1
- OhioHealth Data Center #2

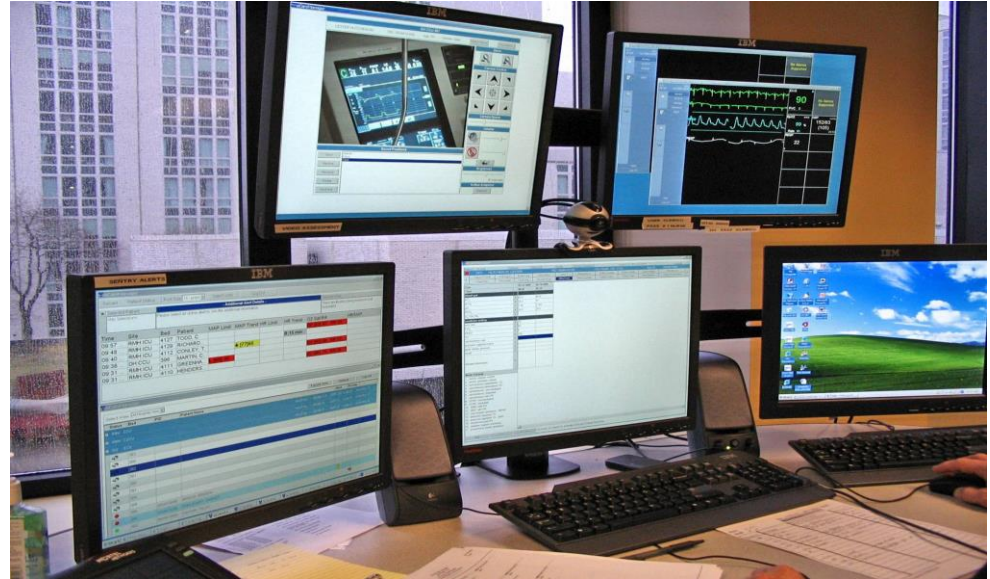
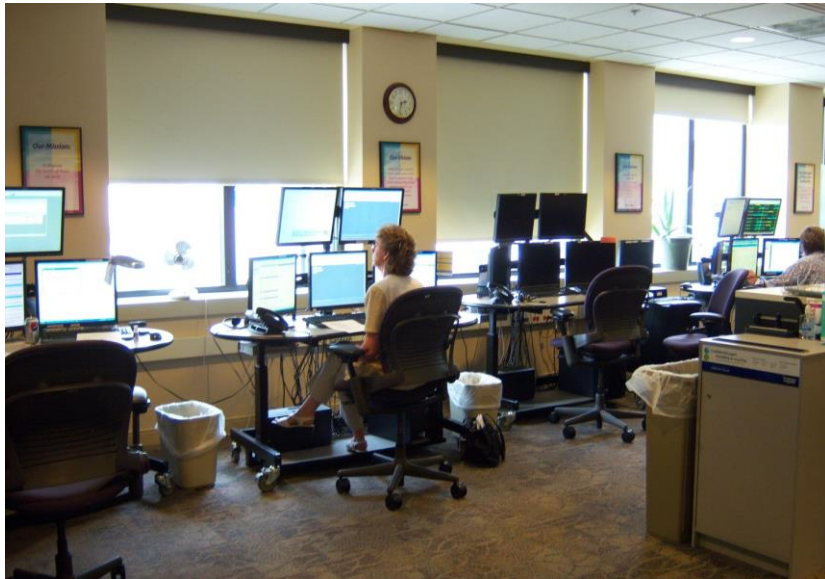


How We Use the Fiber

- Connects major facilities with voice, data and video network
- Data backup and synchronization across data centers
- Supports a fully redundant EMR platform
- Critical IT systems run from either data center with no difference in performance
- Telemedicine initiatives

OhioHealth eICU

- Monitors 196 critical care beds
- Leverages intensivists and experienced critical care nurses
- Decreases patient complication rates
- Keeps more patients local
- Coordinates transfer and continuity of care for critical care patients



The Value of Municipal Fiber

- Shared infrastructure
- Enables strategic IT initiatives
- Provides consistent, reliable connectivity and performance across sites
- More cost-effective than traditional telecom circuits – especially at 10Gb
- 10 year cost savings - \$MM



A FAITH-BASED, NOT-FOR-PROFIT HEALTHCARE SYSTEM

RIVERSIDE METHODIST HOSPITAL + GRANT MEDICAL CENTER + DOCTORS HOSPITAL

GRADY MEMORIAL HOSPITAL + DUBLIN METHODIST HOSPITAL + DOCTORS HOSPITAL–NELSONVILLE

HARDIN MEMORIAL HOSPITAL + MARION GENERAL HOSPITAL + REHABILITATION HOSPITAL + O'BLENES HOSPITAL

MEDCENTRAL MANSFIELD HOSPITAL + MEDCENTRAL SHELBY HOSPITAL + WESTERVILLE MEDICAL CAMPUS

HEALTH AND SURGERY CENTERS + PRIMARY AND SPECIALTY CARE + URGENT CARE + WELLNESS

HOSPICE + HOME CARE + 28,000 PHYSICIANS, ASSOCIATES & VOLUNTEERS